

Profile Parameter Usage

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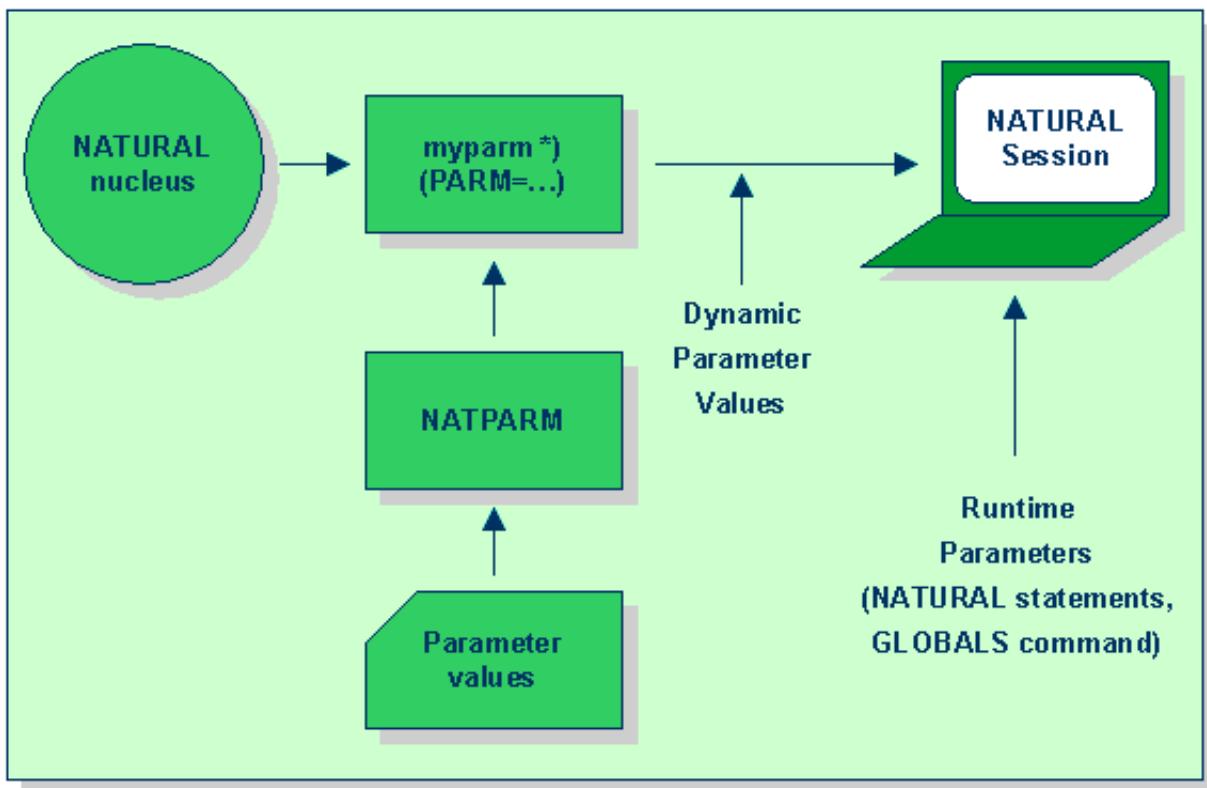
See also:

- Profile Parameters Grouped by Functions
 - Profile Parameter Descriptions
 - Natural Configuration Utility (Usage)
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General Information

The Natural profile parameters define various characteristics of the Natural environment. The values for these parameters are taken from the following three sources:

1. Runtime assignment of session parameters using the Natural SET GLOBALS statement or the GLOBALS system command (highest priority).
2. Dynamic assignments which are valid for the current Natural session. These are made by specifying individual parameters and/or an alternative parameter file when starting Natural.
3. Static assignments, which are made by parameters specified in the Natural parameter file NATPARM (lowest priority).



* The file "myparm" represents an alternative user-defined parameter file, which overrides the settings in NATPARM.

Static Assignment of Parameter Values

By default, the parameter specifications in the parameter file NATPARM are used to determine the characteristics of your Natural environment. Initially, the NATPARM parameter file contains the default values as supplied by Software AG.

If you wish to use Natural with parameter values other than the system defaults, use the Natural Configuration Utility. With this utility, you can modify the default parameter file NATPARM and/or create your own parameter files.

Dynamic Assignment of Parameter Values

Dynamically assigned parameter values are used to override Natural profile parameter settings, as specified in the default parameter file NATPARM, for the duration of a single Natural session, and/or to select a specific system profile that is to be in effect for the Natural session.

A value can be assigned dynamically to a profile parameter if "Dynamic Specification" is specified as "YES" in the description table of the parameter:

Possible values	
Default value	
Dynamic specification	YES
Specification within session	

The setting of dynamic parameters enables a certain environment to be set up when starting Natural. The values for the dynamic parameters are passed by the operating system to Natural when the session is started. To specify such parameter values, do the following:

- Select the Natural program-item icon, click the right mouse button and choose the "Properties" function. The "Natural Properties" dialog box appears. Choose the "Shortcut" item. You can enter the desired dynamic parameters and their values in the "Target" field after the Natural path.

Example:

C:\ProgramFiles\Software AG\Natural\5.1.1\bin\natural.exe PARM=MYPARM SM=ON DTFORM=I

The parameter file MYPARM is to be used for the Natural session.

SM and DTFORM are dynamic parameters.

Runtime Assignment of Parameter Values

A value can be assigned to a profile parameter at runtime if "Specification within Session" is specified as "YES" in the description table of the parameter:

Possible values	
Default value	
Dynamic specification	
Specification within session	YES

The parameter keyword and the required value are entered as session parameter following the Natural SET GLOBALS statement or GLOBALS system command (see the Natural Reference documentation for further information on session parameters).

Examples:

SET GLOBALS SA=ON,IM=D

GLOBALS SA=ON,IM=D

Note:

The SET GLOBALS statement can be used in reporting mode only.